



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

received 12/14/13-cd  
REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and when **REVIEWED** and is repaired.  
Send copy to Department of Health and Senior Services; retain original in department file. *By Carol Day at 12:03 pm, Dec 26, 2013*

ALCO SENSOR IV SN 097430	PRINTER SN 096.3580.928	DATE OF INSPECTION 12/06/2013
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LOCATION OF INSTRUMENT (STREET AND CITY) 600 E. Walnut Columbia	TIME OF INSPECTION 6:44 pm
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**CHECKLIST:** Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

☒ SIMULATOR SOLUTION ☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Guth Labs LOT # 13210 EXP. DATE 07/15/2015

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2761 SIMULATOR EXP DATE 07/09/2014

☒ **CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)**

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

- ☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE  
☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE  
☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 ➡ .099

TEST 2 ➡ .099

TEST 3 ➡ .099

☒ RFI DETECTOR OPERATING

**INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)**

REFUSALS	1	(0-.04)	1	(.05-.09)	0	(.10-.14)	2	(.15-.19)	1	(OVER .19)	0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME

Nathan Turner

TYPE II PERMIT NUMBER/EXPIRATION DATE

220411 12/20/2014

TELEPHONE NUMBER

(573) 874-7652

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901



**GUTH LABORATORIES, INC.**

690 NORTH 67th STREET • HARRISBURG, PA 17111-4311 • TELEPHONE: 717-664-5470

**CERTIFICATE OF ANALYSIS**

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13210 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1216% (w/vol) ethyl alcohol. The expiration date for this lot number is July 29, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

**NIST Traceability:**

Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.  
All balances are calibrated annually by an outside agency using NIST traceable weights.  
Calibration verification is done prior to each use utilizing NIST traceable weights.

## TEST RECORD 00909

Temp Date Time 210L

Air Blank:  
12/06/13 18:44 .000  
Calibration Check:  
17 12/06/13 18:44 .099

Subject Name

Test  
Subject I.D.

Operator Name: I.D.

Turner 1985

Location

CPD

AS IV Serial not 092430  
Version not 004C

## TEST RECORD 00911

Temp Date Time 210L

Air Blank:  
12/06/13 18:47 .000  
Calibration Check:  
19 12/06/13 18:47 .099

Subject Name

Test  
Subject I.D.

Operator Name: I.D.

Turner 1985

Location

CPD

AS IV Serial not 092430  
Version not 004C

## TEST RECORD 00910

Temp Date Time 210L

Air Blank:  
12/06/13 18:45 .000  
Calibration Check:  
18 12/06/13 18:45 .099

Subject Name

Test  
Subject I.D.

Operator Name: I.D.

Turner 1985

Location

CPD

AS IV Serial not 092430  
Version not 004C

## TEST RECORD 00912

Temp Date Time 210L

Void: BPJ  
12 12/06/13 18:49

Subject Name

Test  
Subject I.D.

Operator Name: I.D.

Turner 1985

Location

CPD